

In the Specification

Amend the paragraph beginning at page 7 line 1 as follows:

~~Fig. 3~~Figs. 3A-3C ~~depicts a depict~~ cross-sectional ~~view~~views of ~~two~~ different positions for placement of the U-shaped channel integrally formed with a side panel.

Amend the paragraph beginning at page 7 line 22 as follows:

~~Fig. 14~~Figs. 14A-14C ~~depicts depict~~ various aspects of the egress doorframe exit door.

Amend the paragraph beginning at page 9 line 23 as follows:

Hinges 15 are generally located on one side of the interior portion for mounting the door 14. Generally, emergency exit doors open outwards. Consequently, it is common for the hinges 15 to be located on the doorframe opposite the ~~illuminators~~electroluminescent strip 32, as shown in Figs. 1 and 2; however, the door may also be placed on the same side as the ~~illuminators~~electroluminescent strip. The door placement does not alter the lighting system design.

Amend the paragraph beginning at page 10 line 14 as follows:

In another embodiment, the U-shaped channel is not integrally formed with the egress doorframe; rather, it is attached to the flat side face of each frame member. In this embodiment, a channel, a raceway tube, and an electroluminescent strip secured within the channel are no longer recessed within the egress doorframe's side faces. Fig. 4 depicts a cross-sectional view of a portion of an egress doorframe 60 having a flat side face surface 62 with a channel 64 attached thereto. The channel 64 is attached to the side face surface 62 in the direction of the intended illumination. In this embodiment, the channel is shown as a preformed, open-faced structure having a flat back portion 66 for attachment to side face 62, and two support struts 68, 70 for enclosing the raceway tube and electroluminescent strip (not shown). The channel 64 may be formed from one piece or may be constructed of separate pieces of material secured together. For example, each strut may be attached to a flat back panel, which is then attached to the flat surface of the side face. A center position for the channel is depicted; however, the channel may be placed in any position on the egress doorframe side faces that allows for visibility of the electroluminescent strips.

Amend the paragraph beginning at page 10 line 29 as follows:

Fig. 5 depicts a cross-sectional view of a portion of an egress doorframe 74 having a U-shaped channel ~~70~~76, formed of one-piece construction and

secured to the flat surface of a side face 72 of the egress doorframe. The U-shaped channel ~~70-76~~ may be attached by adhesive fastener, mechanical fastener, or by a friction fit.

Amend the paragraph beginning at page 11 line 15 as follows:

A cross-sectional view of the preferred embodiment of the raceway tube 90 is depicted in Fig. 7. The raceway tube is shown inserted within a U-shaped channel 92 that is integrally formed with an egress doorframe side face 94. Although an integrally formed U-shaped channel has been depicted, other channel embodiments described above may be employed with the raceway tube. Similarly, the raceway tube as shown may be attached to a flat surface side face. For illustrative purposes, only the attachment to a centered U-shaped channel embodiment is described herein, notwithstanding the general applicability to the other embodiments. The raceway tube 90 shown is substantially rectangular, having a width 95 that allows it to be inserted fully within the U-shaped channel 92. The height of the raceway tube may vary; the raceway tube may be recessed, flush, or extend past the egress doorframe side face. The raceway tube requires an opening for inserting and securing the electroluminescent strip 96. In the preferred embodiment, the opening is made along the elongated direction of the raceway tube, perpendicular to the cross-sectional direction shown. Other openings are possible, provided enough access is allowed for inserting and securing the electroluminescence strip. In

the preferred embodiment, the raceway tube forms a hinge 98 at one side, and an interlocking clamp 100 at the opposite side. Alternatively a two-part raceway may be utilized having overlapping, interlocking clamps on both side portions. The raceway tube is predominantly of uniform thickness except at the hinge, where a smaller thickness allows for the top portion of the raceway tube 102 to rotate about the hinge without detaching from the bottom portion of the raceway tube 104. The raceway tube is preferably made of flexible, transparent or translucent material having an elasticity that will accommodate the bending and flexing nature of the described hinge. The interlocking clamp 100 includes a C-shaped locking mechanism 106 on the side portion of the raceway tube opposite hinge 98, and a curved lip segment 108 that terminates at the edge of the top portion ~~102~~110 of the C-shaped locking mechanism. The C-shaped locking mechanism 106 includes at least one angled segment 110 for facilitating sliding the curved lip segment 108 over the locking mechanism when initiating a locked position. The electroluminescent strip 96 may be secured by adhesive fastener, mechanical fastener, or by a friction fit. The raceway tube 90 may be secured in a similar manner. An adhesive fastener 112 is shown as an example.

Amend the paragraph beginning at page 14 line 7 as follows:

Fig. 13 gives an expanded partial view of the bypass doorframe 300 of Fig. 12 showing the metal channel raceway 308. The metal channel raceway is formed to enclose wiring 310 that is routed within the channel, up one side

panel, across the overhead lintel, and down the other side panel where the wiring exits the bypass doorframe. Preferably, the metal raceway channel is made to accommodate 22 gauge minimum insulated, stranded wire 314, although other sized metal raceway channels may also be acceptable without altering the intent or applicability of the present invention. In the preferred embodiment, a typical hollow construction doorframe has U-shaped terminations 312 at each end abutting a wall structure (not shown). The present invention allows for an elongated, flat metal L-shaped segment 316, secured to a U-shaped termination 312 of each frame member of the bypass doorframe by mechanical or adhesive fasteners, to enclose the rerouted wires 310. Apertures 318 allow the wiring to continue the electrical connections from one side of the bypass doorframe to the other. Additionally, as described for the wiring shielding and protection in the egress doorframe, a metal cover box 320 is provided within the bypass doorframe. The metal cover box is secured within the hollow construction of each side panel of the bypass doorframe, giving access to the wires. The box within the frame eliminates costly field installation of external junction boxes. The ~~two-conductor wire~~wiring 310 within the metal raceway channel allows the continuous baseboard lighting to be connected after the frame is installed.

In the Title

Please change the title of the invention as follows:

~~Emergency Exit Path Lighting System with Hollow Doorframe for Implementing~~
Including Electroluminescent Technology Illumination System

In the Abstract

Please replace the title in the abstract as follows:

~~Emergency Exit Path Lighting System with Hollow Doorframe for Implementing~~
Including Electroluminescent Technology Illumination System